Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 16 Dec 2023 until 23:59 on Sunday 17 Dec 2023

Forecast Issued on Friday 15 Dec 2023 at 12:50

Confidence: High for cloudy and windy conditions over the weekend with rain at times. Lower confidence for details next week with some uncertainty in the track and development of weather fronts.

Headline for Saturday 16 Dec 2023: Strong and gusty winds. Poor visibility and occasional drizzle.

Mountain weather hazards on Saturday 16 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability							
70%	70%	70%	70%	70%	70%	70%	70%

Forecast for Saturday 16 Dec 2023

Weather: Cloudy with occasional light rain or drizzle but some drier spells in the east. Very strong winds on the tops and ridges giving difficult walking conditions.

Chance of cloud-free hill tops above 600m: Less than 10%.

Low Cloud and visibility: Extensive cloud and fog above 400m will bring some difficult conditions to navigate in. Far eastern hills will have more broken and slightly higher cloud bases. At lower levels, below the cloud, visibility generally hazy falling to a few kilometres in drizzly outbreaks.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 16 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/40 W	30/42 SW	26/36 SW	24/34 SW	27/40 SW	25/37 SW	25/37 SW	26/39 SW	27/41 SW
300	16/34 W	17/34 W	15/32 SW	18/36 SW	20/40 SW	19/38 SW	17/34 SW	17/36 SW	19/38 SW
Valley	11/27 SW	12/28 SW	13/28 SW	14/30 SW	15/31 SW	15/32 SW	15/31 SW	15/32 SW	15/31 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	6/0	6/1	6/1	6/0	6/0	6/0	6/0	6/1
300	8/4	8/4	8/4	8/4	8/4	8/4	8/4	8/4	8/4
Valley	9/7	9/6	9/6	9/6	9/6	9/6	9/6	9/6	9/6
Freezing Level*	2300m	2200m	2100m	2100m	2200m	2100m	2000m	1900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very windy with gusts of 50 to 60mph above 600m. The combination of strong winds, low cloud and drizzle will make for some unpleasant conditions on the tops.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 15 Dec 2023	0mm	2.4mm	3mm

Forecast for Sunday 17 Dec 2023

Weather: A cloudy day with outbreaks of rain or drizzle, these perhaps becoming persistent and heavy in the afternoon. Very strong and gusty winds with difficult walking conditions on the tops.

Maximum wind: Southwesterly 35 to 45mph gusts 60mph.

Chance of cloud-free hill tops above 600m: Less than 10%.

Low Cloud and visibility: Extensive cloud and fog above 400m will bring some difficult conditions to navigate in. Far eastern hills will have more broken and slightly higher cloud bases. At lower levels, below the cloud, visibility generally hazy falling to a few kilometres in drizzly outbreaks.

Temperature: **Valleys:** Plus 9C rising to 11C.
At 600m: Plus 7C.
Freezing level: Well above the summits.

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